

ABSTRACT OF THE DISCLOSURE

This invention provides an optical module, in which a wiring inductance between a laser diode and a circuit for driving the laser diode may be reduced, thereby enhancing a high frequency performance. The optical
5 module of the invention has a bench on which the laser diode and the circuit are arranged. A level of a first region of the bench where the laser diode is mounted is higher than that of a second region thereof where the circuit is mounted. A photodiode for monitoring the light emitted from the laser diode is aligned and mounted on the circuit through the carrier so that the
10 photodiode optically couples to the laser diode.